

What is claimed is:

1. An information conversion control method for converting contents working as multi-media information into an information format that corresponds to a user terminal characterized in that:

converting operation information for converting and controlling contents is inputted to an information conversion management section;

a contents distinction section distinguishes that the contents are inputted, extracts contents information, that is an attribute information related to the contents contained in the contents, inputs the contents information to the information conversion management section and outputs the contents to an information conversion section;

the information conversion management section controls the information conversion section based on the converting operation information and the contents information;

the information conversion section converts the inputted contents by the control of the information conversion management section; and

the user terminal receives the converted contents.

2. The information conversion control method according to Claim 1, wherein the information conversion management

section comprises a registration processing section, a relevant information storage section, a retrieval processing section and a command processing section,

the registration processing section being adapted to register conversion information having information conversion section performance information and conversion processing procedure information, such as types of contents that are convertible by the information conversion section,

the relevant information storage section being adapted to store the conversion information registered by the registration processing section,

the retrieval processing section being adapted to use the converting operation information and the contents information as an input, retrieve the conversion information by means of the relevant information storage section and output the result of the retrieval,

the command processing section being adapted to receive the contents information and the conversion information from the output result of the retrieval processing section, decide the operation of the information conversion section, calculate a conversion initial parameter for actuating the information conversion section and output altered contents information, that is made up by adding the conversion initial parameter to the contents informa-

tion, and

the user terminal receiving the altered contents information.

3. The information conversion control method according to Claim 2, wherein the information conversion section comprises one or more contents conversion sections, a switch section and a data verification section,

the contents conversion section being outputted by receiving the calculated conversion initial parameter from the command processing section,

the switch section that selects the one or more contents conversion sections being controlled by the command processing section based on the conversion information, and

the data verification section verifying the converted contents produced by the contents conversion section.

4. The information conversion control method according to Claim 3, wherein the user terminal is connected to the information conversion management section and the information conversion section via an electric communication network and receives the converted contents outputted from the information conversion section and altered contents information outputted from the information conversion man-

agement section via the electric communication network.

5. The information conversion control method according to Claim 4, wherein the information conversion section is connected to the contents distinction section and the information conversion management section via the electric communication network.

6. The information conversion control method according to Claim 4, wherein the user terminal selects contents to be used, makes up the converting operation information inputted to the information conversion management section and transmits the converting operation information to the information conversion management section.

7. The information conversion control method according to Claim 1, wherein the information conversion section converts inputted contents in accordance with contents quality demanded by a user terminal.

8. A contents use system in which a user uses a terminal to use contents working as multi-media information from an information management section via an electric communication network according to a method according to an information conversion control method for converting contents

working as multi-media information into an information format that corresponds to a user terminal wherein:

converting operation information for converting and controlling contents is inputted to an information conversion management section;

a contents distinction section distinguishes that the contents are inputted, extracts contents information, that is an attribute information related to the contents contained in the contents, inputs the contents information to the information conversion management section and outputs the contents to an information conversion section;

the information conversion management section controls the information conversion section based on the converting operation information and the contents information;

the information conversion section converts the inputted contents by the control of the information conversion management section; and

the user terminal receives the converted contents, said system being characterized in that, in the system:

the user terminal comprises:

an information input/output section adapted to input personal information related to the user and select contents presented by the information management section,

a contents registration processing section for a user terminal adapted to register contents to be used by the user,

a contents storage section for a user terminal adapted to store the contents registered by the contents registration processing section for a user terminal,

a contents read-out processing section for a user terminal adapted to read out the contents from the contents storage section for a user terminal,

a contents information registration processing section for a user terminal adapted to register the contents information including information related to contents, such as titles, IDs and information formats of contents, and to accesses to contents,

a contents information storage section for a user terminal adapted to store the contents information registered by the contents information registration processing section for a user terminal,

a contents information retrieval processing section for a user terminal adapted to use an ID included in the content information as an input, retrieve contents information corresponding to the inputted ID by means of the contents information storage section for a user terminal and output the retrieved contents information, and

a transmission/reception section for a user terminal

adapted to perform transmission/reception of data with the information management section via the electric communication network,

and,

the information management section comprises:

a user registration processing section adapted to register personal information of users, such as names, addresses, ages, passwords and IDs, and user information related to accesses of users,

a user information storage section adapted to store the personal information and the user information registered by the user registration processing section,

a user information retrieval processing section adapted to use the personal information as an input, retrieve user information corresponding to the inputted information by means of the user information storage section and output the retrieved user information,

a contents information registration processing section for the information management section adapted to register the contents information including information related to contents, such as titles, IDs and information formats of contents, and accesses to contents,

a contents information storage section for the information management section adapted to store the contents information registered by the contents information regis-

tration processing section for the information management section,

a contents information retrieval processing section for the information management section adapted to use an ID included in the contents information as an input, retrieve contents information corresponding to the inputted ID by means of the contents information storage section for the information management section and output the retrieved contents information,

a contents use information registration processing section adapted to register contents use information related to use histories of contents corresponding to the user,

a contents use information storage section adapted to store the contents use information registered by the contents use information registration processing section,

a contents use information retrieval processing section adapted to use the user information outputted by the user information retrieval processing section and the contents ID outputted by the contents information retrieval processing section as an input, retrieve contents use information corresponding to the inputted information by means of the contents use information storage section and output the retrieved contents use information,

a user authentication section adapted to authenticate

ID, password and so on of the user to determine whether the user can use or not,

a contents registration processing section for the information management section adapted to register contents,

a contents storage section for the information management section adapted to store the contents registered by the contents registration processing section for the information management section,

a contents read-out processing section for the information management section adapted to read out the contents from the contents storage section for the information management section, and

a transmission/reception section for the information management section adapted to perform transmission/reception of data with the user terminal via the electric communication network.

9. The contents use system according to Claim 8, which further comprises an accounting processing section adapted to charge charges in accordance with uses of contents by the user.

10. The contents use system according to Claim 8, wherein the information management section further comprises a

contents remote control section adapted to make up control information for remotely controlling the information conversion section provided for the information conversion control method for the user terminal.

11. The contents use system according to Claim 8, wherein the information management section further comprises a contents charge calculation section adapted to calculate use charges required for uses of the contents and a contents use charge collection section adapted to collect use charges calculated by the contents use charge calculation section, and

the user terminal further comprises a contents use charge payment section adapted to pay use charges required for uses of the contents.

12. The contents use system according to Claim 8, wherein the information management section further comprises a contents conversion charge calculation section adapted to calculate conversion charge required for conversion processing of the contents and a contents conversion charge collection section adapted to collect conversion charges calculated by the contents conversion charge calculation section, and

the user terminal further comprises a contents con-

version charge payment section adapted to pay conversion
charge required for conversion processing of the contents.